## **EAST Search History**

| Ref# | Hits | Search Query  | DBs   | Default<br>Operator | Plurals | Time Stamp          |
|------|------|---|---|---------------------|---------|---------------------|
| S1   | 894  | 347/11  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2007/08/28<br>14:12 |
| S24  | 445  | 347/11.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2007/08/24<br>17:35 |
| S25  | 188  | 347/11 and ((resonan<br>\$4 or vibrat\$4 or<br>natural or Helmholtz)<br>Near2 (cycle or<br>period or frequency))  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2007/08/24<br>17:48 |
| S26  | 16   | 347/11 and ((resonan \$4 or vibrat\$4 or natural or Helmholtz) Near2 (cycle or period or frequency)) and ((sequential\$3 or successive or consecutive or sequence or succedent or succeeding or successional or succession) near2 (discharge or drop or propel\$4)) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2007/08/24<br>18:39 |

| S27 | 16   | \$4 or vibrat\$4 or<br>natural or Helmholtz)<br>Near2 (cycle or<br>period or frequency))   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/24<br>18:42 |
|-----|------|--|---|----|----|---------------------|
| S28 | 3    | \$4 or vibrat\$4 or<br>natural or Helmholtz)<br>Near2 (cycle or<br>period or frequency))   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/24<br>18:46 |
| S29 | 55   | "347"/\$\$\$ and ((resonan\$4 or vibrat \$4 or natural or Helmholtz) Near2 (cycle or period or frequency))and ((sequential\$3 or successive or consecutive or sequence or succedent or succeeding or successional or succession) near2 (discharge or drop or propel\$4)) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/24<br>18:46 |
| S49 | 1090 | 347/9.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/06<br>12:07 |

| S50 | 54   | 347/9.ccls. and (((resonance or Helmholtz or acoustic or specific) adj (cycle or frequency or period)) or (one \$2way adj propagation))  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/06<br>12:13 |
|-----|------|--|---|----|----|---------------------|
| S51 | 628  | 347/10.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/06<br>12:43 |
| S52 | 95   | 347/10.ccls. and (((resonance or Helmholtz or acoustic or specific) adj (cycle or frequency or period)) or (one \$2way adj propagation)) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/06<br>12:43 |
| S53 | 479  | 347/11.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/06<br>13:37 |
| S54 | 79   | 347/11.ccls. and (((resonance or Helmholtz or acoustic or specific) adj (cycle or frequency or period)) or (one \$2way adj propagation)) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/06<br>13:38 |
| S55 | 1380 | 347/15.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/06<br>14:27 |
| S56 | 29   | 347/15.ccls.and (((resonance or Helmholtz or acoustic or specific) adj (cycle or frequency or period)) or (one \$2way adj propagation))  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/06<br>14:27 |

| S57 | 2157 | 347/68.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/06<br>15:09 |
|-----|------|--|---|----|----|---------------------|
| S58 | 113  | 347/68.ccls. and (((resonance or Helmholtz or acoustic or specific) adj (cycle or frequency or period)) or (one \$2way adj propagation)) | 2   | OR | ON | 2008/03/06<br>15:09 |

## 10/8/2008 11:44:13 AM

C:\ Documents and Settings\ hlegesse\ My Documents\ EAST\ Workspaces\ No\_43-App10-561303  $\_$  I mage formation apparatus (Forming big dots by droping consecutive drops at interval= (n+0.5)Tc).wsp